

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
1 March 2001 (01.03.2001)(10) International Publication Number
WO 01/14688 A1

(51) International Patent Classification: E21B 21/10

(21) International Application Number: PCT/NO00/00263

(22) International Filing Date: 14 August 2000 (14.08.2000)

(25) Filing Language: Norwegian

(26) Publication Language: English

(30) Priority Date:
19990424 20 August 1999 (20.08.1999) NO

(71) Applicant (for all designated States except US): AGR SERVICE A/S [NO/NO]; N-5363 Ågotnes (NO).

(72) Inventor, and

(73) Inventor/Applicant (for US only): EDWARDSEN, Per, Espen [NO/NO]; Bjørndalstræet 132, N-5171 Løddefjord (NO).

(74) Agent: AS BERGEN PATENTKONTOR: C. Sundsgt. 36, N-5004 Bergen (NO).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

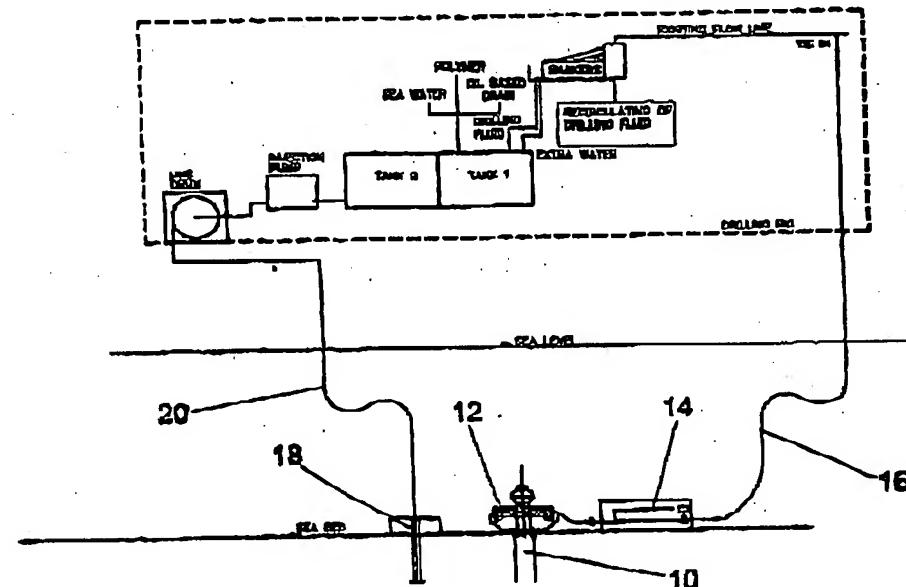
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR PROCESSING OF DRILLING FLUID



WO 01/14688 A1

(57) Abstract: A method and a system are described for processing of drilling fluid from a drilling hole (10) in an underwater well to a floating drilling rig or drilling vessel, comprising a sealing device (12) connected to a well head, a pump module (14) to transport the drilling fluid, a treatment plant for treatment of drilling fluid, or a storage installation. Before a blow-out valve is connected to the well head and before a riser is connected between the drilling hole and the floating drilling rig or drilling vessel, the pump module (14) placed on the ocean bed transports drilling fluid from the drilling hole (10) on the ocean bed to the floating drilling rig or drilling vessel.